

## CLAIMS

5           1/ Colour cathode ray tube comprising:

- a noticeably rectangular front face on the internal surface of which a luminescent screen is deposited,
- a colour selection mask arranged opposite the luminescent screen, said mask being joined to a noticeably rectangular frame, comprising a pair of long sides and a pair of short sides,
- elastic support means of the frame/mask assembly within the tube, at least one of these support means comprising a first metal member comprising a central elastic part, a first extremity portion comprising a hole designed to fit around a pin integral with the front face of the tube, and a second extremity portion attached by welding directly or indirectly to the frame

10           characterized in that the welding is carried out on the surface of the second extremity portion in at least two separate zones arranged so as to form with the hole of the first extremity portion an acute angle  $\Theta$  greater than 15           10°.

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2/ Cathode ray tube according to the previous claim, characterized in that the central part of the said support means comprises at least two separate arms linked with the first extremity portion, and for which each extremity comprises one of the welding zones.

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3/ Cathode ray tube according to claim 1, characterized in that the said at least one of these support means moreover comprises a second metal member in the form of a plate of which one of the extremities is welded to the surface of the frame and the other extremity to the second extremity portion of 30           the first metal member.

4/ Cathode ray tube according to claim 1, characterized in that the said at least one of these support means is attached to the frame in a corner of this frame.

5           5/ Cathode ray tube characterized in that the support means of the frame/mask assembly are all in accordance with the previous claim.

10          6/ Cathode ray tube characterized in that it comprises at least two support means in accordance with claim 1, joined to two opposite sides of the frame.

7/ Cathode ray tube according to claim 1, characterized in that the front face of the tube is noticeably flat.